

CATALOGUE No.

41-209

ANNUAL



CANADA

# THE HEATING AND COOKING APPARATUS INDUSTRY, 1959

DOMINION BUREAU  
OF STATISTICS  
JUL 25 1961  
PROPERTY OF THE  
LIBRARY

*Published by Authority of*  
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division

July, 1961  
6523-516

Price 50 cents

## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Iron and Steel Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

**A — Annual**

**M — Monthly**

**S.C. — Special Compilation**

Catalogue number	Title	Price
41-201	Iron and Steel Products — General Review (A).....	.50
42-202	The Agricultural Implements Industry (A).....	.50
41-205	The Boilers and Plate Work Industry (A).....	.50
41-207	The Bridge Building and Structural Steel Industry (A) .....	.25
41-208	The Hardware, Tools and Cutlery Industry (A).....	.50
41-209	The Heating and Cooking Apparatus Industry (A) .....	.50
42-208	The Machinery Industry (A).....	.50
42-207	The Machine Shops Industry (A).....	.50
41-210	The Iron Castings Industry (A).....	.50
41-203	The Primary Iron and Steel Industry (A) .....	.75
41-213	The Sheet Metal Products Industry (A) .....	.50
41-216	The Wire and Wire Goods Industry (A).....	.50
41-217	The Miscellaneous Iron and Steel Products Industry (A) .....	.50
<hr/>		
41-001	Primary Iron and Steel (M)..... per year	3.00
41-002	Steel Ingots and Pig Iron (Preliminary) (M)..... per year	1.00
41-003	Production of Pig Iron and Steel (M) .....	1.00
41-004	Iron Castings and Cast Iron Pipes and Fittings (M) .....	1.00
41-005	Stoves and Furnaces (M) .....	1.00
41-006	Steel Wire and Specified Wire Products (M)..... per year	1.00
41-212	Scrap Iron and Steel (A) .....	.25
63-203	Farm Implement and Equipment Sales (A) .....	.50
64-202	Household Facilities and Equipment (A).....	.50
43-006	Air Conditioning and Refrigeration Equipment (M)..... per year	1.00
(S.C.)	Sanitaryware (M) .....	1.00
(S.C.)	Scrap Iron and Steel (M) .....	1.00
(S.C.)	Domestic Water Tank Heaters (M)..... per year	1.00
(S.C.)	Domestic and Farm Water Systems (M)..... per year	1.00
(S.C.)	Builders' Hardware (M)..... per year	1.00
(S.C.)	Heating Boilers and Radiators (M) .....	1.00
(S.C.)	Domestic Range Boilers (M) .....	1.00
(S.C.)	Cemented Tungsten Carbide (M) .....	1.00
(S.C.)	Welding Electrodes (M)..... per year	1.00
(S.C.)	Grinding Balls (A).....	.25
(S.C.)	Fans, Unit Heaters and Ventilators (A).....	.25
31-201	General Review of the Manufacturing Industries (A).....	2.00
31-001	Inventories, Shipments and Orders in Manufacturing Industries (M) .....	per year 4.00
65-004	Trade of Canada — Exports (M)..... per year	7.50
65-007	Trade of Canada — Imports (M)..... per year	7.50

*Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.*

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- P preliminary figures.

## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or



plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

# THE HEATING AND COOKING APPARATUS INDUSTRY, 1959

The Heating and Cooking Apparatus Industry is a division of the iron and steel group and the statistics for the industry, as presented in this report, cover only the factories which made stoves, furnaces, oil burners, etc., as their chief products. Establishments in this category made, as minor products, some iron castings, machinery and other items which do not normally belong to this industry and, on the other hand, some heating equipment was made as secondary products of concerns which were classified to other industries. Tables 1-4, 15-19 and 21 of this bulletin are for the Heating and Cooking Apparatus Industry only, while tables 5-14

give totals for Canada for certain items regardless of the industries in which they were produced.

One hundred and twenty-five establishments were included in the Heating and Cooking Apparatus Industry in 1959, there being 66 in Ontario, 22 in Quebec, 16 in British Columbia, 11 in Alberta, 5 in Manitoba, 3 in New Brunswick, 1 in Nova Scotia and 1 in Newfoundland. These firms made goods valued at \$144,205,438, employed a total of 9,136 workers, paid \$36,262,945 in salaries and wages and spent \$1,670,572 on fuel and electricity and \$74,883,959 for the materials used in manufacturing processes.

**TABLE 1. Principal Statistics of the Heating and Cooking Apparatus Industry,<sup>1</sup> Significant Years 1935-59, and by Provinces, 1958 and 1959**

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Value of factory shipments
	number			dollars			
1935 .....	60	3,870	3,876,528	297,437	3,354,963	6,408,580	10,060,980
1937 .....	68	5,239	5,860,623	353,941	6,040,819	9,581,258	15,976,018
1939 .....	72	5,029	5,753,888	349,729	5,659,694	9,342,240	15,351,663
1942 .....	77	6,150	8,970,326	493,002	11,015,944	16,596,309	28,105,255
1946 .....	95	7,825	13,027,604	611,497	13,098,796	22,269,456	35,979,749
1949 .....	103	8,745	19,810,926	865,156	23,519,492	38,035,621	62,420,289
1955 .....	123	9,148	29,798,730	1,354,738	56,762,067	55,428,354	112,987,132
1956 .....	117	9,438	33,371,127	1,572,982	65,663,194	60,118,307	123,626,040
1957 .....	118	8,879	32,162,461	1,632,625	59,962,597	57,562,502	119,332,421
<b>1958</b>							
Newfoundland .....	1	101	261,321	18,746	451,250	530,402	944,592
Nova Scotia .....	2						
New Brunswick .....	3						
Quebec .....	23	1,817	6,561,176	302,877	11,668,757	12,375,059	24,822,672
Ontario .....	67	5,434	21,745,155	1,041,152	45,351,182	42,492,552	89,038,305
Manitoba .....	4	239	779,960	39,873	2,055,753	1,358,799	3,392,446
Alberta .....	12	128	437,804	20,713	642,333	434,620	1,197,721
British Columbia .....	14	306	1,161,811	50,205	1,995,327	1,820,747	3,727,455
<b>Canada .....</b>	<b>126</b>	<b>8,670</b>	<b>32,868,116</b>	<b>1,607,974</b>	<b>65,029,147</b>	<b>62,454,754</b>	<b>129,265,079</b>
<b>1959</b>							
Newfoundland .....	1	727	2,188,186	143,231	3,878,203	4,215,857	8,267,744
Nova Scotia .....	1						
New Brunswick .....	3						
Quebec .....	22	1,859	7,101,034	304,828	14,073,432	13,744,663	28,101,871
Ontario .....	66	5,906	24,658,004	1,113,222	52,436,476	49,371,679	99,084,934
Manitoba .....	5	247	853,104	34,783	1,978,962	1,750,098	3,750,015
Alberta .....	11	97	323,076	15,546	448,879	479,536	963,787
British Columbia .....	16	300	1,139,541	58,962	2,068,007	1,875,252	4,037,087
<b>Canada .....</b>	<b>125</b>	<b>9,136</b>	<b>36,262,945</b>	<b>1,670,572</b>	<b>74,883,959</b>	<b>71,437,085</b>	<b>144,205,438</b>

<sup>1</sup> First set up as an industry in 1935. Data for earlier years were included with the Iron Castings Industry.

<sup>2</sup> Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

**Note:** Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.



TABLE 2. Inventories,<sup>1</sup> 1959

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec .....	2,469,174	663,089	1,770,624	4,902,887
Ontario .....	7,723,182	3,651,878	7,085,256	18,460,316
Manitoba .....	414,173	145,096	374,697	933,966
Alberta .....	133,474	28,895	99,827	262,196
British Columbia .....	383,437	130,746	331,310	845,493
Other provinces .....	1,052,520	203,181	1,197,847	2,453,548
Canada .....	12,175,960	4,822,885	10,859,561	27,858,406
Closing:				
Quebec .....	2,837,318	755,059	1,699,706	5,292,083
Ontario .....	9,722,885	4,888,253	9,685,324	24,296,462
Manitoba .....	449,099	143,976	389,645	982,720
Alberta .....	132,381	43,111	65,785	241,277
British Columbia .....	228,112	62,822	364,368	655,302
Other provinces .....	1,307,215	171,427	1,199,148	2,677,790
Canada .....	14,677,010	6,064,648	13,403,976	34,145,634

<sup>1</sup> Book value of all manufacturing inventories owned and held at plant and plant warehouses.

Note: (a) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Heating and Cooking Apparatus Industry for the year under review are shown in the above table.

(b) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Production (Factory Shipments) by the Heating and Cooking Apparatus Industry, 1958 and 1959

Product	1958		1959	
	Factory shipments		Factory shipments	
	Number shipped	Selling value at works	Number shipped	Selling value at works
		\$		\$
Cooking, heating and air-conditioning apparatus:				
Air-conditioning equipment .....	...	2,793,292	...	3,753,061
Furnaces, warm air:				
Gravity or forced air circulation designed for coal or wood burning .....	5,910	895,135	5,989	905,244
Gravity or forced air circulation designed exclusively for oil burning .....	74,136	15,074,639	76,764	15,518,174
Gravity or forced air circulation designed exclusively for gas burning .....	61,589	10,225,135	68,464	10,208,948
Furnace parts .....	...	1,129,620	—	754,335
Coal, wood and sawdust burning cooking stoves and ranges, including ranges with gas or electric extension .....	15,766	1,700,624	13,545	1,496,936
Coal, wood and sawdust burning heating stoves and space heaters, including all heaters, circulators, Quebec, box, Franklin, globular and laundry .....	13,107	469,270	12,582	656,653
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension) .....	6,701	1,496,945	7,445	1,755,020

See note at end of table.

TABLE 3. Production (Factory Shipments) by the Heating and Cooking Apparatus Industry, 1958 and 1959 — Concluded

Product	1958		1959	
	Factory shipments		Factory shipments	
	Number shipped	Selling value at works	Number shipped	Selling value at works
		\$		\$
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension) .....	7,714	1,871,042	7,050	1,742,317
Gas cooking stoves and ranges (not combinations), including all styles with ovens .....	36,111	4,914,854	35,195	4,995,526
Gas heating stoves and space heaters .....	12,652	548,924	17,474	968,281
Gas cooking plates, no oven .....	9,281	70,017	8,942	75,130
Electric cooking stoves or ranges over 35 amperes, domestic type, all styles with ovens, including shelves, closets, etc., as one unit .....	116,011	18,326,621	138,202	20,703,400
Electric rangettes, including cord attachment and oven as one unit .....	4,835	253,751	3,127	166,835
Electric cooking plates or grills .....	6,452	21,970	—	—
Oil (kerosene) and gasoline cooking stoves and ranges .....	...	<sup>1</sup>	...	<sup>1</sup>
Oil (kerosene) and gasoline heating stoves and space heaters .....	...	<sup>1</sup>	...	<sup>1</sup>
Fuel oil (distillate) cooking stoves and ranges .....	7,609	1,127,231	8,788	1,314,864
Fuel oil (distillate) heating stoves and space heaters) .....	49,557	2,740,243	50,065	2,756,838
Stove parts .....	...	1,848,913	...	2,653,589
Water-tank heaters, domestic:				
Cast iron for coal, wood or oil .....	988	151,318	655	62,700
Gas .....	38,115	2,705,567	56,814	3,954,960
Electric .....	51,848	1,361,022	52,106	1,868,626
Unit heaters, all types .....	13,897	2,218,521	17,094	2,479,178
Registers and grills for hot air heating systems .....	...	2,447,468	...	2,562,126
Blowers for domestic furnaces .....	85,977	1,185,005	92,879	1,178,036
Stokers, mechanical:				
Domestic and residential .....	634	175,188	1,140	251,031
Commercial and industrial .....	274	297,881	321	354,850
Stoker parts .....	...	384,190	...	224,878
Heating boilers:				
Cast iron sectional heating boilers .....	767	170,301	713	186,305
Steel heating boilers .....	3,347	3,165,145	3,359	3,657,533
Oil burners—Range type .....	7,794	314,499	6,837	273,818
Power type—Residential .....	58,903	4,876,393	60,900	4,745,785
Commercial and industrial .....	1,179	597,738	2,672	1,013,732
Other heating equipment .....	...	19,266,528	...	21,834,202
All other products (commercial castings, machinery, ventilating systems, etc.) .....	...	24,294,263	...	27,774,816
Amount received for repair work and custom work .....	...	143,826	...	1,357,711
<b>Totals</b> .....	...	<b>129,263,079</b>	...	<b>144,203,438</b>

<sup>1</sup> Less than 3 firms reporting — included in all other heating equipment.

**Note:** Data given in the above table are for the Heating and Cooking Apparatus Industry, which includes only the firms making stoves, furnaces, etc., as chief products. These articles may have been made also as minor products of firms classified to other industries, so the figures in this table do not necessarily represent the total Canadian production of the items which are listed. For the total figures, see Tables 5 to 14, inclusive.

TABLE 4. Materials used in the Heating and Cooking Apparatus Industry, 1958 and 1959

Material		1958		1959	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Iron:					
Pig iron, all grades .....	ton	6,337	420,157	6,041	422,789
Castings:					
Iron .....	"	11,615	3,562,630	10,995	3,420,706
Steel .....	"	1,657	314,852	2,652	624,088
Steel, hot or cold-rolled:					
Bars .....	"	1,032	234,834	1,177	263,355
Plates .....	"	2,649	401,176	2,610	413,963
Sheets:					
Plain .....	"	62,027	9,938,393	68,492	10,934,243
Galvanized .....	"	4,440	918,242	4,302	831,721
Tin plate .....	"	508	140,583	417	101,241
Strip .....	"	1,970	341,280	1,898	339,951
Structural shapes (channels, angles, etc.) .....	"	1,486	259,754	486	90,686
Wire .....	"	116	24,694	471	89,447
Pipe and fittings, iron and steel .....		...	610,591	...	510,868
Alloy steel:					
Stainless:					
Billets, bars and rods .....		..	103,372	..	227,799
Other .....		..	312,106	..	403,828
Other alloy steel .....		..	14,923	..	45,027
Ferro-alloys .....		..	7,021	..	4,219
Scrap iron and steel .....	ton	5,746	221,215	6,081	243,676
Other iron and steel (except finished parts) .....		...	693,337	...	438,781
Non-ferrous metals (including scrap):					
Aluminum:					
Castings .....	pound	390,049	258,989	486,730	268,768
Sheet .....	"	2,166,419	991,648	1,956,463	909,869
Other forms .....	"	547,087	257,694	725,531	308,484
Brass and bronze .....	"	2,041,689	1,148,328	2,218,093	1,214,372
Copper:					
Sheet .....	"	110,216	59,389	356,385	200,736
Wire .....	"	364,807	183,942	177,745	88,899
Other forms .....	"	856,004	481,718	829,600	528,322
Lead .....	"	4,345	1,271	5,551	1,832
Nickel .....	"	20,424	16,576	20,635	18,047
Zinc .....	"	388,754	48,713	201,600	31,008
Babbitt metals and solders .....	"	54,393	33,866	205,028	98,089
Other non-ferrous metals .....		...	100,556	...	45,607
Other materials and supplies:					
Paints and varnishes .....		...	587,728	...	623,932
Foundry coke (used in cupola, not for heat or power) .....	ton	3,020	104,750	2,985	98,423
Foundry sands .....	"	5,319	60,832	4,513	50,421
Firebrick and cupola blocks .....		...	89,056	...	110,913
Plumbago and graphite .....	pound	7,638	695	3,438	345
Lumber .....	M ft. b.m.	2,994	259,534	2,867	258,318
Fireclay .....	ton	859	16,665	994	19,408
Core oil .....	Imp. gal.	4,136	5,904	5,370	5,843
Sulphuric acid, 100% .....	pound	154,654	7,401	171,124	7,613
Shipping containers .....		...	1,946,554	...	1,634,527
All other materials and supplies <sup>1</sup> .....		...	39,848,178	...	48,953,795
Totals .....		...	65,029,147	...	74,883,959

<sup>1</sup> No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$300,000. The total value of materials used by these firms was \$2,749,955 and this amount is included in "All other materials".



TABLE 5. Factory Shipments of Stoves Made in Canada, 1957 - 59 (Data assembled from All Industries)

		1957	1958	1959
Coal, wood and sawdust burning cooking stoves and ranges, including ranges with gas or electric extension.....	No.	18,562	15,934	15,658
	\$	1,783,729	1,711,519	1,516,815
Coal, wood and sawdust burning heating stoves and space heaters, including all heaters, circulators, Quebec, box, oak, Franklin, globular and laundry .....	No.	40,483	32,789	32,399
	\$	740,979	542,753	728,932
Solid fuel and gas combination or oil and gas combination (not including stoves or ranges with gas extension) .....	No.	7,746	6,701	7,445
	\$	1,655,862	1,498,945	1,755,020
Solid fuel and electric combination or oil and electric combination (not including stoves or ranges with electric extension) ....	No.	8,604	7,714	7,050
	\$	2,066,892	1,871,042	1,742,317
Gas cooking stoves and ranges (not combinations), (including all styles with ovens) .....	No.	35,077	37,729	36,527
	\$	4,489,456	5,086,643	5,080,235
Gas heating stoves and space heaters .....	No.	14,295	15,604	20,539
	\$	496,606	640,393	1,044,820
Gas cooking plates—no oven.....	No.	16,817	12,179	9,285
	\$	116,157	97,069	80,041
Cooking ovens, electric, built-in.....	No.	..	..	11,972
	\$	..	..	1,592,202
Electric cooking stoves or ranges (over 35 amperes), all styles with ovens .....	No.	194,178	226,079	246,532
	\$	30,336,566	33,727,324	35,910,450
Electric rangettes, including cord attachment and oven as one unit .....	No.	21,129	25,610	20,312
	\$	891,876	1,028,761	834,535
Electric cooking plates and grills, including stoves for glass coffee-makers .....	No.	146,962	125,119	82,747
	\$	755,744	693,478	594,372
Oil (kerosene) and gasoline cooking stoves and ranges .....	No.	..	..	..
	\$	..	..	..
Oil (kerosene) and gasoline heating stoves and space heaters ....	No.	..	..	..
	\$	..	..	..
Fuel oil (distillate) cooking stoves and ranges .....	No.	9,972	7,609	8,788
	\$	1,358,152	1,127,231	1,314,864
Fuel oil (distillate) heating stoves and space heaters .....	No.	72,050	53,366	53,285
	\$	3,573,470	2,847,850	2,866,865

TABLE 6. Factory Shipments of Domestic Water-tank Heaters, 1958 and 1959 (from All Industries)

	1958		1959	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
Cast iron, for coal, wood or oil (120 gallons or less).....	988	151,318	655	62,700
Gas, automatic .....	81,725	5,911,895	112,283	7,048,315
Gas, not automatic .....	8,339	354,433	6,408	294,595
Electric, circulating type .....	23,518	140,164	17,912	96,456
Electric, immersion type .....	289,285	704,824	364,564	803,054
Clamp-on type .....	12,966	61,653	9,376	46,661
Electric, automatic storage tank type, including tank and controls .....	85,281	5,508,107	121,692	7,645,356
Totals .....	502,102	12,832,394	632,890	15,997,137

TABLE 7. Total Production<sup>1</sup> of Power-type Oil Burners,<sup>2</sup> 1950 - 59 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1950 .....	86,097	9,860,584	1955 .....	125,639	11,282,838
1951 .....	74,277	9,160,568	1956 .....	122,675	10,626,148
1952 .....	85,215	9,337,512	1957 .....	93,794	7,656,070
1953 .....	100,288	10,609,632	1958 .....	99,745	7,726,479
1954 .....	114,380	11,244,958	1959 .....	105,097	7,729,825

<sup>1</sup> Factory shipments since 1952.<sup>2</sup> Not including industrial oil burners.TABLE 8. Total Production<sup>1</sup> of Furnace Blowers, 1950 - 59 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1950 .....	29,670	861,896	1955 .....	104,705	1,760,782
1951 .....	28,812	873,364	1956 .....	120,846	1,907,194
1952 .....	28,594	761,365	1957 .....	152,723	2,028,696
1953 .....	32,878	814,416	1958 .....	180,026	2,305,823
1954 .....	60,127	1,192,187	1959 .....	212,813	2,555,755

<sup>1</sup> Factory shipments since 1952.TABLE 9. Total Production<sup>1</sup> of Mechanical Stokers, 1950 - 59 (from All Industries)

Year	Domestic or residential		Commercial or industrial		Total		Selling value of stoker parts
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	
		\$		\$		\$	\$
1950 .....	1,569	425,490	949	1,121,417	2,518	1,546,907	845,750
1951 .....	1,036	295,413	864	1,071,586	1,900	1,366,999	339,417
1952 .....	903	259,787	747	1,162,690	1,650	1,422,477	357,514
1953 .....	706	147,090	640	1,197,580	1,346	1,344,670	785,848
1954 .....	809	200,528	536	885,030	1,345	1,085,558	364,443
1955 .....	791	209,724	445	717,092	1,236	926,816	916,049
1956 .....	660	156,553	670	1,217,762	1,330	1,374,315	708,651
1957 .....	754	226,317	485	877,746	1,239	1,104,063	992,638
1958 .....	691	191,119	408	885,561	1,099	1,076,680	861,179
1959 .....	1,190	263,575	430	870,893	1,620	1,134,468	530,722

<sup>1</sup> Factory shipments since 1952.



TABLE 10. Total Production<sup>1</sup> of Unit Heaters, 1950-59 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1950 .....	33,908	3,130,102	1955 .....	23,624	4,427,004
1951 .....	27,028	3,858,253	1956 .....	31,387	5,451,826
1952 .....	27,055	4,266,268	1957 .....	25,717	6,561,433
1953 .....	26,428	4,464,582	1958 .....	17,478	4,120,942
1954 .....	22,590	4,244,901	1959 .....	21,686	4,522,839

<sup>1</sup> Factory shipments since 1952.TABLE 11. Total Production<sup>1</sup> of Air Registers and Grills, 1950-59 (from All Industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1950 .....	1,106,775	1955 .....	1,842,814
1951 .....	1,873,151	1956 .....	2,461,151
1952 .....	1,059,827	1957 .....	2,837,621
1953 .....	1,514,078	1958 .....	2,807,205 <sup>f</sup>
1954 .....	1,818,198	1959 .....	2,971,920

<sup>1</sup> Factory shipments since 1952.

TABLE 12. Total Production of Heating Radiators, 1958 and 1959 (from All Industries)

Kind	1958		1959	
	Sq. ft. E.D.R. <sup>1</sup>	Value of factory shipments	Sq. ft. E.D.R. <sup>1</sup>	Value of factory shipments
		\$		\$
Standing type, cast iron and pressed steel (excluding tube and fin types) .....	3,209,793	2,319,521	2,680,619	1,910,298
Baseboard type, cast iron, pressed steel and other fabricated metal .....	6,480,608	4,572,077	6,604,953	5,064,206
Concealed type, cast iron, pressed steel and other fabricated metal .....	6,497,917	5,331,750	6,302,300	5,169,707
Totals .....	16,188,318	12,223,348	15,587,872	12,144,211

<sup>1</sup> Equivalent Direct Radiation.

TABLE 13. Total Production<sup>1</sup> of Warm Air Furnaces, 1950-59 (from All Industries)

Year	Designed for coal or wood burning		Designed exclusively for oil burning		Designed exclusively for gas burning		Total all types	
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works
		\$		\$		\$		\$
1950.....	2	2	2	2	2	2	100,760	13,830,234
1951.....	60,941	9,520,152	22,299	4,037,194	5,164	737,784	88,804	14,295,130
1952.....	45,464	6,385,175	32,512	6,264,363	5,689	1,032,786	83,665	13,682,324
1953.....	32,693	4,755,987	50,654	10,390,575	10,322	1,802,367	93,669	16,948,929
1954.....	20,817	2,923,673	62,473	12,943,217	10,096	1,761,498	93,386	17,628,388
1955.....	17,698	2,319,752	90,482	18,725,915	16,156	3,099,046	124,336	24,144,713
1956.....	15,018	2,072,292	97,644	18,564,003	29,662	5,214,505	142,324	25,850,800
1957.....	12,034	1,961,274	86,177	18,006,905	45,627	7,669,947	143,838	27,638,126
1958.....	7,289	1,074,402	88,978	18,019,598	75,619	12,384,775	171,886	31,478,775
1959.....	6,238	968,077	95,814	19,151,512	80,986	12,207,760	183,038	32,327,349

<sup>1</sup> Factory shipments since 1952.<sup>2</sup> Not available according to this breakdown.

TABLE 14. Factory Shipments of Heating and Power Boilers, 1958 and 1959 (from All Industries)

Type	1958		1959	
	Number of boilers	Total selling value at plant	Number of boilers	Total selling value at plant
		\$		\$
Heating boilers:				
Cast iron sectional heating boilers:				
(a) Under 775 sq. ft. ....	6,437	1,329,900	6,150	1,389,192
(b) 776-1,499 sq. ft. ....	2,309	887,968	2,316	935,910
(c) 1,500 sq. ft. and over .....	1,237	1,212,918	1,214	1,183,812
Steel heating boilers:				
(a) Under 112 sq. ft. ....	7,019	1,941,847	7,804	2,346,463
(b) 112-522 sq. ft. ....	1,646	3,019,173	1,584	3,479,813
(c) 573-1,245 sq. ft. ....	396	1,620,906	535	1,972,660
(d) 1,362 sq. ft. and over .....	53	665,763	42	314,318
Power boilers:				
Marine type.....	283	1,149,205	76	541,504
Water-tube, package boiler units.....	102	4,519,790	112	8,264,443
Firetube, package boiler units .....	60	531,229	217	970,199
Firetube boilers.....	42	290,694	51	614,037
Boilers, type not specified .....	..	10,350,217	..	12,402,124
Totals .....	...	27,518,710	...	34,414,475



TABLE 15. Principal Statistics classified according to Type of Ownership, 1958 and 1959

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1958					
Individual ownership .....	9	66	202,966	508,254	1,281,088
Partnerships .....	7	117	454,078	871,759	1,707,506
Incorporated companies .....	110	8,487	32,211,072	63,649,134	126,276,485
Totals .....	126	8,670	32,868,116	65,029,147	129,265,079
1959					
Individual ownership .....	7	26	82,634	102,484	297,365
Partnerships .....	7	136	557,443	880,087	1,818,026
Incorporated companies .....	111	8,974	35,622,868	73,901,388	142,090,047
Totals .....	125	9,136	36,262,945	74,883,959	144,205,438

TABLE 16. Principal Statistics of the Heating and Cooking Apparatus Industry in Canada, grouped according to Size of Establishment, 1958 and 1959

Establishments reporting a value of factory shipments	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1958					
Under \$10,000 .....	6	13	26,685	20,725	41,544
\$ 10,000 to \$ 24,999 .....	7	35	93,325	45,386	128,010
25,000 " 49,999 .....	13	77	212,018	177,658	487,016
50,000 " 99,999 .....	13	99	335,497	449,414	1,015,415
100,000 " 199,999 .....	19	295	938,130	1,174,682	2,898,980
200,000 " 499,999 .....	21	528	1,980,981	3,012,167	6,216,357
500,000 " 999,999 .....	13	546	2,013,802	5,962,137	9,705,012
1,000,000 " 4,999,999 .....	29	4,627	16,893,830	33,095,913	66,646,596
5,000,000 and over .....	5	2,415	10,226,669	21,091,065	42,126,149
Head office .....	—	35	147,179	—	—
Totals .....	126	8,670	32,868,116	65,029,147	129,265,079
1959					
Under \$10,000 .....	6	9	10,734	17,175	26,385
\$ 10,000 to \$ 24,999 .....	11	47	121,862	60,434	185,408
25,000 " 49,999 .....	11	60	178,671	167,624	419,674
50,000 " 99,999 .....	16	109	398,077	523,641	1,293,190
100,000 " 199,999 .....	13	208	656,590	756,525	1,947,878
200,000 " 499,999 .....	20	506	1,834,285	3,139,511	6,486,794
500,000 " 999,999 .....	11	474	1,797,347	4,702,092	7,432,731
1,000,000 " 4,999,999 .....	32	4,787	18,617,504	40,077,539	77,423,410
5,000,000 and over .....	5	2,873	12,403,373	25,439,418	48,989,968
Head office .....	—	63	244,502	—	—
Totals .....	125	9,136	36,262,945	74,883,959	144,205,438

**TABLE 17. Employees and Earnings in the Heating and Cooking Apparatus Industry, by Provinces, 1958 and 1959**

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1958	number					dollars		
New Brunswick .....	105	56	480	4	645	608,556	1,312,333	1,920,889
Quebec .....	308	122	1,375	12	1,817	2,100,013	4,461,163	6,561,176
Ontario .....	1,176	486	3,573	199	5,434	7,788,300	13,956,855	21,745,155
Manitoba .....	31	8	199	1	239	182,397	597,563	779,960
Alberta .....	31	9	88	—	128	202,018	235,786	437,804
British Columbia .....	37	13	237	19	306	229,276	932,535	1,161,811
Other provinces .....	5	3	93	—	101	19,010	242,311	261,321
Canada .....	1,623	697	6,045	235	8,670	11,129,570	21,738,546	32,868,116
1959	number					dollars		
New Brunswick .....	105	56	478	3	642	529,343	1,423,947	1,953,290
Quebec .....	346	128	1,362	23	1,859	2,264,766	4,836,268	7,101,034
Ontario .....	1,246	515	3,927	218	5,906	8,592,212	16,065,792	24,658,004
Manitoba .....	39	12	195	1	247	279,171	573,933	853,104
Alberta .....	23	6	68	—	97	125,487	197,589	323,076
British Columbia .....	42	18	224	16	300	258,150	881,391	1,139,541
Other provinces .....	2	1	92	—	85	4,527	230,369	234,896
Canada .....	1,803	736	6,336	261	9,136	12,053,656	24,209,289	36,262,945

**TABLE 18. Production Workers, by Months, 1959**

Month	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
January .....	5,033	207
February .....	5,400	206
March .....	5,596	219
April .....	5,644	224
May .....	5,801	238
June .....	6,205	238
July .....	6,158	237
August .....	6,394	229
September .....	6,614	244
October .....	6,479	220
November .....	6,159	210
December .....	5,159	201
Average for establishments reporting monthly detail .....	5,908	224
Average estimated for small establishments <sup>2</sup> .....	428	37
Average for all establishments .....	6,336	261

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$300,000 and over.

<sup>2</sup> For establishments generally reporting value of shipments of less than \$300,000 no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.



TABLE 19. Capital and Repair Expenditures in the Heating and Cooking Apparatus Industry, 1955-59

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construc- tion	Machinery and equipment		Construc- tion	Machinery and equipment		
	thousands of dollars						
1955.....	1,821	1,948	3,769	499	1,070	1,569	5,338
1956.....	1,985	1,458	3,443	373	1,177	1,550	4,993
1957.....	1,182	2,431	3,613	384	985	1,369	4,982
1958.....	322	1,307	1,629	347	1,072	1,419	3,048
1959 <sup>P</sup> .....	770	1,527	2,297	463	1,211	1,674	3,971

TABLE 20. Imports and Exports of specified Heating and Cooking Apparatus, 1958 and 1959

Item		1958		1959	
		Quantity	Value	Quantity	Value
			\$		\$
<b>Imports</b>					
Cooking stoves, coal and wood.....	No.	1,250	51,592	783	35,855
Cooking stoves, electric, valued at more than \$25 each.....	"	6,361	758,938	4,404	684,148
Cooking stoves, gas (including combinations), valued at more than \$10 each.....	"	26,815	2,150,870	22,274	1,933,400
Cooking stoves, gasoline and oil, valued at more than \$10 each.....	"	1,337	56,650	499	30,723
Boilers, domestic (hot water furnaces).....		—	670,913	—	352,745
Industrial furnaces and parts.....		—	3,072,118	—	2,448,909
Furnaces, domestic, warm air.....	No.	33,305	3,915,026	23,794	2,861,243
Oil burners, n.o.p.....	"	1,913	176,352	1,642	161,150
Radiators, cast iron.....	sq. ft.	1,052	463	210	104
Space heating and cooking apparatus, electric, n.o.p. ....		—	3,578,948	—	3,900,841
Heating and cooking apparatus, n.o.p.....		—	5,625,416	—	6,935,731
Heating and cooking apparatus, parts of.....		—	13,294,615	—	15,850,618
Ovens, of a class or kind not made in Canada, for use in commercial bakeries, and complete parts.....		—	622,129	—	488,169
Oven thermostats, automatic oven lighters and dual valves for gas stoves; and gas pressure regulators.....		—	77,657	—	112,744
Space heaters, oil, valued at \$20 or over.....	No.	18,448	975,898	17,253	951,130
Range oil burners.....	"	2,132	69,800	1,991	69,003
Water heaters:					
Gas.....	"	28,414	1,492,666	16,920	1,105,671
Electric.....	"	16,751	590,607	11,279	307,026
Other.....	"	3,830	276,445	4,863	300,274
Water heater parts, including automatic pilots, thermostatic and other controlling devices.....		—	551,464	—	896,551
<b>Exports</b>					
Cooking stoves, electric.....	No.	709	136,834	2,334	352,200
Cooking stoves, gas.....	"	172	20,070	98	12,828
Cooking stoves, gasoline and oil.....	"	35,141	224,451	39,704	258,145
Cooking stoves, coal and wood.....	"	34	5,521	48	5,329
Electric heating and cooking devices, domestic, n.o.p. ....		—	91,610	—	48,768
Stoves and heating apparatus (other than electric), n.o.p.		—	500,848	—	494,628
Parts of stoves and heating apparatus.....		—	262,172	—	603,581

TABLE 21. Fuel and Electricity Used in the Heating and Cooking Apparatus Industry, 1959

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal:		
(a) From Canadian mines .....	ton 4,137	55,309
(b) Imported .....	" 5,575	75,471
Anthracite coal .....	" 746	9,490
Coke .....	" 349	11,737
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 168,322	70,468
Fuel oil including kerosene or coal oil .....	" 3,156,488	392,261
Wood .....	cord 132	528
Gas (a) Liquefied petroleum gases .....	Imp. gal. 102,233	22,335
(b) Other manufactured gas .....	M cu. ft. 254	317
(c) Natural gas .....	" 316,076	272,235
Other fuel .....	—	17,208
Electricity purchased .....	kwh. 47,240,264	633,820
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....	...	109,393
3. All establishments:		
Total cost of fuel and electricity .....	...	1,670,572

<sup>1</sup> Establishments generally reporting value of shipments of \$300,000 and over.<sup>2</sup> Establishments generally reporting value of shipments of less than \$300,000.

## List of Firms in the Heating and Cooking Apparatus Industry, 1959

Name of firm	Location of plant
<b>Newfoundland:</b>	
Trask Foundry .....	St. John's
<b>Nova Scotia:</b>	
Enamel & Heating Products Ltd. ....	Station St., Amherst
<b>New Brunswick:</b>	
Enamel and Heating Products, Limited .....	Main St., Sackville
Enterprise Foundry Co., Limited .....	Lorne St., Sackville
Record Stove and Furnace Company Limited .....	Lutz St., Moncton
<b>Quebec:</b>	
Atlas Webster Industries Ltd. ....	2760 Laurentian Blvd., St. Laurent
Bélanger, A., Limitée .....	85, rue St-Jean-Baptiste, Montmagny
Brock Engineering Mfg. Co. Ltd. ....	4305 Iberville St., Montreal
Croname (Canada) Ltd. ....	50 Taylor St. E., Waterloo
Decarie Boiler & Incinerator Ltd. ....	7592 St. Hubert St., Montreal
G.P. Gas Appliances Co. ....	4200 Rue Majeau, Montreal Nord
Gurney Products Limited .....	380 Blvd., Ste-Croix, St. Laurent, Montreal
Hunt & Moscrop (Canada) Ltd. ....	480 St. Cecile St., Granby
Kresno Stamm Mfg. Co. (Canada) Ltd. ....	8255 Durocher St., Montreal
La Fonderie de l'Islet Limitée .....	L'Isletville, Que.
Lemelin Products Inc. ....	Montmagny
Mark Hot Inc. ....	7735, Boulevard St-Michel, Montreal
Modern Kitchen Equipment Co. ....	183 Montcalm Blvd., Candiac
National Heating Products Ltd. ....	262 Scott St., St. Jerome
Quebec Metal Pressing Inc. ....	340—5ième rue, Quebec
Serv-All Company Inc. ....	390 Laurendeau Ave., Montreal
Stoker Limited .....	8165 St. Hubert, Montreal



## List of Firms in the Heating and Cooking Apparatus Industry, 1959 - Continued

Name of firm	Location of plant
<b>Quebec - Concluded:</b>	
Terry Burners Inc. ....	5015 Buchan, Montreal
Vapor Heating (Canada) Ltd. ....	3955 Courtral Ave., Montreal
Velan Engineering Ltd. ....	2125 Ward Ave., Ville St. Laurent
Volcano Limited .....	2020 Ste-Anne Ave., St-Hyacinthe
Watts, A.E. Ltd. ....	1260 Laurentian Blvd., St. Laurent
<b>Ontario:</b>	
Abco Steel Products Ltd. ....	2775 Dundas St. W., Toronto
Aero Tool Works Limited .....	37 Hanna Ave., Toronto
American-Standard Products (Canada) Ltd. ....	4 Junction Rd., Toronto
Banner Manufacturing Company .....	1305 Windsor Ave., Windsor
Barlin Scott Mfg. Co. Ltd. ....	32 Lincoln St., Hamilton
Beach Foundry, Limited .....	75 Spencer St., Ottawa
Brantford Engineering & Mfg. Co. ....	1240 Plains Rd. E., Burlington
Brantford Washing Machines Ltd. ....	35 Fieldway Rd., Toronto
Bravo Products Ltd. ....	5 Woodycrest Drive, Guelph
Bryant Mfg. Co. Ltd. ....	450 Dufferin St., Toronto
Canada Stoker Co. Ltd. ....	259 Sumach St., Toronto
Canadian Ema Co. ....	Bay St., Thornbury
Canadian General Filters Limited .....	39 Crockford Blvd., Scarborough
Carswell Furnaces Ltd. ....	29 Chamberlain Ave., Ottawa
Clare Bros. Ltd. ....	223 King St., Preston
Clawsey Sohrt Mfg. Co. Ltd. ....	360 Eagle St. North., Preston
Coleman Lamp & Stove Co. Ltd. ....	9 Davies Ave., Toronto
Commercial Kitchen Equipment Mfg. Co. ....	781 Queen St. E., Toronto
Conroy Manufacturing Co. Ltd. ....	55 Catharine St., St. Catharines
Delhi Industries .....	523 James St., Delhi
Douglas Metal Industries Ltd. ....	170 Willowdale St., Willowdale
Dunham-Bush (Canada) Limited .....	140 Wendell Ave., Weston
Duo-Heat Ltd. ....	105 Concession Rd., Waterford
Eaton T. Co. Ltd. ....	490 York Rd., Guelph
Eclipse Fuel Eng., of Canada Ltd. ....	Don Mills
Engineering Industries Ltd. ....	15 Brandon Ave., Toronto
Findlays, Limited .....	High St., Carleton Place
Foreman & Pratt Limited .....	1109 Bay St., Toronto
4 x 10 Sheet Metal Co. Ltd. ....	30 Six Points Rd., Toronto
Garland Commercial Ranges Ltd. ....	41 Medulla Ave., Toronto
Gauth Electric .....	443 Birchmount Rd., Toronto
General Steel Wares, Ltd. ....	199 River St., Toronto
Grimsby Stove and Furnace Limited .....	27 John St., Grimsby
Hall Foundry Co., Limited .....	Sheffield St., Hespeler
Harriston Stove Co., Limited .....	Harriston
Hart and Cooley Mfg. Co. of Canada, Limited .....	Wood St., Fort Erie N.
Howard Furnace & Foundries, Limited .....	1151 Victoria Park Ave., Toronto
Ideal Stoker Company Ltd. ....	500 Wellington St., Toronto
Iron Fireman Mfg. Co. of Canada, Ltd. ....	80 Ward St., Toronto
Kemp Manufacturing Co. Ltd. ....	19 Petrolia St., Guelph
Lennox Industries (Canada) Ltd. ....	400 Brown's Line, Toronto
Livingston Stoker Company Limited .....	33 Sanford Ave. S., Hamilton
Lloyd Register & Grilles Co. Ltd. ....	30 Six Points Rd., Toronto
Mainline Heating Supplies .....	199A Christie, Toronto
Moffats, Limited .....	23 Denison Road E., Weston
Morch Manufacturing .....	Water St., Belleville
Niagara Heating Manufacturers Ltd. ....	Dunkirk Rd., St. Catharines
Norfolk Equipment Mfg. Ltd. ....	65 Waverly St., Delhi
Olbeiser, Murray, Co. ....	3 Hoffman St., Kitchener
Parkview Sheet Metal Co. Ltd. ....	No. 8 Highway, West Flamboro
Pease Foundry Company Limited .....	Joseph St., Brampton
Pepper's Automatic Stokers Limited .....	240 Adelaide St. W., Toronto
Pettigrew-Savill Burners Ltd. ....	Otterville, Ont.
Roberts-Gordon Appliance Corp. Ltd. ....	Livingston Ave., Grimsby
Ruud Mfg. Co. ....	Portland & Windsor Sts., Mimico
Sarco Canada Ltd. ....	Brock Rd., Claremont
Stewart, James, Mfg. Company, Limited .....	Tecumseh St., Woodstock
Summers Manufacturing Ltd. ....	1203 Roselawn Ave., Toronto
Tobac Curing System Limited .....	First Ave., Simcoe
Toronto Blower Co. ....	156 Duke St., Toronto
Trane Company of Canada, Limited .....	401 Horner Ave., Toronto
Walt-Skuttle Company .....	51 Davis Rd., Oakville
Wayne Forge & Machine Company Ltd. ....	15 Sinclair St., Toronto
Western Foundry Company Limited .....	Wingham
White Products (Canada) Ltd. ....	6161 Tecumseh Rd. E., Windsor
York Machine Co. Ltd. ....	3417 Dundas St. W., Toronto

## List of Firms in the Heating and Cooking Apparatus Industry, 1959 - Concluded

Name of firm	Location of plant
<b>Manitoba:</b>	
Bullock's Limited .....	Berry St. and Sargent Ave., Winnipeg
Greensteel Industries Limited .....	975 Logan Ave., Winnipeg
May Fair Heating, Winnipeg Ltd. ....	326 Wardley Ave., Winnipeg
Porteous Manufacturing Co. ....	811 Assiniboine Ave., Brandon
Silver Line Manufacturing Co. Ltd. ....	1995 Logan Ave., Winnipeg
<b>Alberta:</b>	
Cone Water Heaters Limited .....	3616 Manchester Rd., Calgary
Dominion Heater & Gas Appliance Co. ....	1312 - 1st St. W., Calgary
Darlsun Furnace Works .....	9523 Jasper Ave., Edmonton
Flame Master Ltd. ....	6130 - 97 St. South Edmonton
Kirk's Heating Limited .....	Three Hills
Lehman, Charles L., Ltd. ....	9331 - 11th Ave., Edmonton
Marvel Stoker Products .....	5737 - 97 St., Edmonton
Rich-Bern Manufacturing Ltd. ....	517 Third St. S., Lethbridge
Shannon Bros. ....	1 Dunmore Road, Medicine Hat
Sure Flame Tank Heater .....	Granum, Alta.
Upright Bros., Ltd. ....	12311 - 126 Ave., Edmonton
<b>British Columbia:</b>	
Accurate Metal Manufacturing Co. Ltd. ....	666 Powell St., Vancouver
Archer Industries Ltd. ....	1820 Fir St., Vancouver
Coast Foundry Co. Ltd. ....	1000 Boundary Road, Vancouver
Cyclos Mfg. Co. Ltd. ....	4099 Tuxedo Dr., Victoria
Dickinson's Ltd. ....	1276 Howe St., Vancouver
Drake Manufacturing Ltd. ....	1684W - 1st Ave., Vancouver
Greenline Manufacturing Ltd. ....	882 Cordova, Vancouver
Hale-Co. Metal Products Ltd. ....	1614 West 1st Ave., Vancouver
Heat Pump Ltd. ....	2421 Alpha Ave., North Burnaby
Heat Trade Supply Mfg. ....	643 E. Hastings St., Vancouver
Kumfort Furnace Co. Ltd. ....	5669 Tyne St., Vancouver
McDonell Metal Manufacturing Company Limited .....	1250 Boundary Rd., N. Burnaby
Mitchell Mfg. Ltd. ....	225 W. 5th Ave., Vancouver
Oregon Dryer (B.C.) Ltd. ....	Grand Forks
Rees Burners Ltd. ....	1335 - 6th Ave., Vancouver
Taggart Manufacturing Co. Ltd. ....	2421 Alpha Ave., North Burnaby





STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010698832